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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jaroslaw J. Sydir et al.

Title: NETWORK PROCESSOR HAVING CRYPTOGRAPHIC PROCESSING INCLUDING AN AUTHENTICATION BUFFER

Docket No.: Intel-013PUS

Serial No.: 10/749,913

Filed: December 29, 2003

Due Date: September 22, 2007

Examiner: Nicole M. Young

Group Art Unit: 2139

**MS AF**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

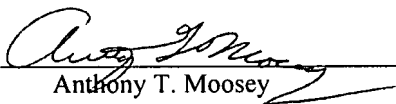
We are transmitting herewith the following attached items (as indicated with an "X"):

☒ Return postcard and transmittal document.

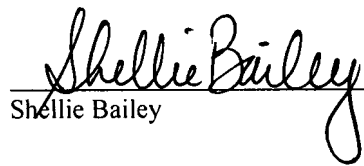
☒ An Amendment and Response (15 Pages).

Customer Number: 45780

By

  
Anthony T. Moosey  
Reg. No. 55,773

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 21st day of August, 2007.

  
Shellie Bailey

(GENERAL)

Applicants : Sydir et al.  
Serial No. : 10/749,913  
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Attorney's Docket No.: INTEL-013PUS  
Intel Docket No. P17940



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Applicants :	Sydir et al.	Art Unit :	2109
Serial No. :	10/749,913	Examiner :	Nicole M. Young
Filed :	December 29, 2003	Assignee :	Intel Corporation
Title :	NETWORK PROCESSOR HAVING CRYPTOGRAPHIC PROCESSING INCLUDING AN AUTHENTICATION BUFFER		

**MAIL STOP AF**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT IN REPLY TO FINAL ACTION OF JUNE 22, 2007

Please amend the above-identified application as follows: